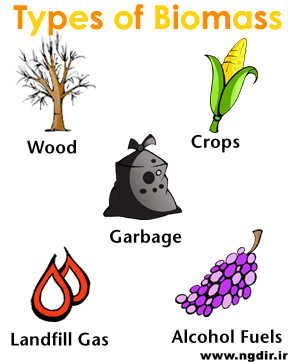
By Jason, Emily



History of Biomass

Biomass is simply defined; biomass is all plant material, or vegetation, its ether raw or processed, wild or cultivated. Examples of this energy source include: fast growing trees and grasses; agricultural resides like used vegetable oil, wheat straw, or corn wood waste like paper trash, yard clippings, saw dust or wood chips. Biomass is one of the oldest fuel sources around. Up until the 1860’s the United States used, in the form of wood, for nearly 91 present of all energy. It is also a reusable object. Biomass is stored solar energy that man can convert to electricity, fuel, and heat. Through photosynthesis the energy from the sun is stored in the chemical bonds of the plant material.

Advantages and disadvantages

The advantages of biomass are. Biomass is a theoretically inexhaustible fuel source. Biomass is when direct combustion of plant mass is not used to generate energy minimal environmental impact. Alcohols and other fuels produced by biomass are efficient, viable, and relatively clean- burning. Biomass is also throughout the world. The disadvantages of biomass are that. Biomass could contribute a great deal to globule warming and particulates pollution if directly burned. Still an expensive source, both terms of producing the biomass and converting it to alcohols. On a small crate there is most likely net loss energy- energy must be put in to grow the plant mass.

Citations

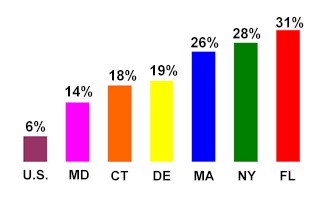
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Other applications

Biomass can be used for heat and power. It also comes in many different forms from many different materials. And as such can be extruded and processed n to many more materials. Everything from sawdust, charcoal, seed hulls shells to grasses and compost a perfect example of a biomass extrusion product is a composite fire starter log used in homes around world. Biomass is stored solar energy. Part of the industrial revolution biomass was able to sadistic all of man damans

How it generates electricity

For every ton of garbage they are using a 1/3 of a ton of coil.

1. Coil burns

2. Water turns to steam

3. Steam turns to turbine

4. The turbine turns the generator

5. The generator produces electricity.

Important charts and diagrams

**Foreign Oil Dependence**